AMENDMENTS TO THE SPECIFICATION

In the Specification:

Please replace the paragraph at page 7, line 29-page 8, line 14 with the following amended paragraph:

Conventionally, a target method is passed parameters that can include, but are not limited to, input parameters, input/output parameters, output parameters and by reference parameters. Thus, in one example of the present invention, a begin asynchronous operation method generated by the pattern generator 120 accepts inputs including input parameters presented to the target method, input/output parameters presented to the target method and parameters passed by reference to the target method. Furthermore, to facilitate invoking processing associated with ending the asynchronous call, the begin asynchronous operation method also accepts the address of an asynchronous callback routine that can be invoked when the target method completes. To facilitate tracking and logging state objects associated with the asynchronous call and the target method, the begin asynchronous operation method also accepts an asynchronous call state object as an input. In the example, the begin asynchronous operation method returns the asynchronous result object as an output to the process and/or thread that called the begin asynchronous operation method. Thus, the caller of the begin asynchronous operation method can supply information to the invoker *via* a waitable object, which is a synchronization object that can be employed to facilitate performing processing at a desired time (*e.g.*, in a callback routine that waited for a target method to complete).

Please replace the paragraph at page 27, lines 13-16 with the following amended paragraph:

Figs. 5 through 7 ~~illustrated~~ illustrate various methods for controlling when asynchronous end methods could be invoked, which provides flexibility and customizability advantages over conventional asynchronous calling systems that may not provide such flexible asynchronous end method processing.